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Pages: cover sheet + 20 page(s)

Phone:

Date: June 27, 2005

Re: Application No.: 09/406,170
Art Unit: 2661
Examiner: Blount, Steven
Attorney Docket No. NLMLP015

CC:

I hereby certify that the items enumerated below are being transmitted via telefacsimile to the United States Patent and Trademark Office Central Fax Number, (703) 872-9306, on June 27, 2005.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Amendment/Response (7 pgs.) | <input checked="" type="checkbox"/> Petition for <u>2</u> month Extension of Time (in duplicate) |
| <input type="checkbox"/> Amendment - Rule 312 (pgs.) | <input type="checkbox"/> Information Discl. Statement & Forms 1449 (pgs.) |
| <input type="checkbox"/> Preliminary Amendment (pgs.) | <input type="checkbox"/> Declaration (pgs.) |
| <input type="checkbox"/> Notice of Appeal | <input type="checkbox"/> Appeal Brief (pgs.) |
| <input type="checkbox"/> Power of Attorney by Assignee (pgs.) | <input type="checkbox"/> Issue Fee Transmittal (in duplicate) |
| <input type="checkbox"/> Request for Continued Examination (RCE) | <input type="checkbox"/> Response to Notice to File Missing Parts (pg. + dup) |
| <input type="checkbox"/> Fee Transmittal (pgs.) | <input type="checkbox"/> Terminal Disclaimer (pgs.) |
| <input checked="" type="checkbox"/> Other <u>Copy of provisional application 60/148,403 (11 pgs.)</u> | |

Charles E. Shemwell
(Person Transmitting Corresp.)
(Signature)June 27, 2005
(Date)☒ Please acknowledge by return facsimileMessage:RECEIVED
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PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53(b)(2).

modified
PTO/SB/16(6-95)

Docket Number: 4384					
INVENTOR(s)/APPLICANT(s)					
LAST NAME, FIRST NAME, MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)				
Henderson, Alex E.	Hillsborough, California				
Croft, Walter E.	San Mateo, California				
<input type="checkbox"/> Additional inventors are being named on separately numbered sheets attached hereto.					
TITLE OF THE INVENTION (280 characters max.)					
Improved Match Resolution Circuit for Content Addressable Memory (CAM)					
CORRESPONDENCE ADDRESS					
Trinidad Arriola-Kern Fenwick & West LLP Two Palo Alto Square Palo Alto, CA 94306					
STATE	CA	ZIP CODE	94306	COUNTRY	U.S.A.
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification	No. of Pages: 9	<input checked="" type="checkbox"/> Small Entity Statement	<input checked="" type="checkbox"/> Return Postcard		
<input type="checkbox"/> Drawing(s)	No. of Sheets:	<input type="checkbox"/> Other (specify)			
METHOD OF PAYMENT (check all that apply)					
<input checked="" type="checkbox"/> Fee Transmittal Form Enclosed (in duplicate)		<input checked="" type="checkbox"/> Check Enclosed			

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.☐ Yes, the name of the U.S. Government Agency and the Government contract number are: _____

SIGNATURE OF ATTORNEY OR AGENT	
Signature: <i>Trinidad Arriola-Kern</i>	
Attorney/Reg. No.: Trinidad Arriola-Kern/Reg. No. 44,012	Dated: August 11, 1999
CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10 in an envelope addressed to: Box Provisional Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below.	
Signature: <i>Trinidad Arriola-Kern</i>	
Typed or Printed Name: Trinidad Arriola-Kern	Dated: August 11, 1999
Express Mail Mailing Number: EL233816551 US	

PROVISIONAL APPLICATION FILING ONLY

Rev .08/11/99

PTO/SB/ 10 (6-95) (modified)
 Approved for use through 07/31/96. OMB 0651-0031
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(d) & 1.37(e))—SMALL BUSINESS CONCERN

Docket Number (Optional):
4384

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JUN 27 2005

Applicant or Patentee: Alex E. Henderson and Walter R. Croft

Application or Patent No.:

Filing Date or Issue Date:

Title: Improved Match Resolution Circuit for Content Addressable Memory (CAM)

I hereby declare that I am

☒ the owner of the small business concern identified below:

☐ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN Fast-Chip Incorporated

ADDRESS OF SMALL BUSINESS CONCERN P.O. Box 60607

Palo Alto, CA 94306

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

☒ the specification filed herewith with title as listed above.

☐ the application identified above.

☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each such person, concern or organization having any rights in the invention is listed below:

☒ No such person, concern, or organization exists.

☐ Each such person, concern or organization is listed below:

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING _____

TITLE OF PERSON IF OTHER THAN OWNER _____

ADDRESS OF PERSON SIGNING P.O. Box 60607, Palo Alto, California 94306

SIGNATURE _____

DATE _____